

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	"3674022"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/11/07 10:23
L2	1	"3674022".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/11/07 10:23
L3	1	"3674022".pn. and permselective	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/11/07 11:12
L4	0	"3674022".pn. and permselective and nonporous	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/11/07 11:15
L5	1	"3674022".pn. and permselective and non-porous	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/11/07 11:15
L6	0	"3674022".pn. and permselective and non-porous and (ptfe or polytetrafluoroethylene)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/11/07 11:16
L7	0	"3674022".pn. and permselective and non-porous and (ptfe or polytetrafluoro ethylene)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/11/07 11:16
L8	1	"3674022".pn. and polymer	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/11/07 11:17
L11	564	(non-porous or nonporous) with membrane and membrane with (ptfe or polytetrafluoroethylene)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/11/07 11:42
L12	41	11 and permselective with membrane	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/11/07 11:42
L13	18	12 and carbon dioxide	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/11/07 11:43
S1	447	(okazaki with koji).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/20 12:27
S2	108	S1 and honda.as.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/20 12:28
S3	52	S2 and fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/20 12:28
S4	9	S3 and air with fan	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/20 12:28

S5	759	fuel cell and gas near3 filter	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 08:35
S6	2	"2003223920"	DERWENT	ADJ	ON	2008/06/23 08:46
S7	3	"2003100315"	DERWENT	ADJ	ON	2008/06/23 08:47
S8	3	"2003-100315"	DERWENT	ADJ	ON	2008/06/23 08:48
S9	4572	yuasa.as.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 08:49
S10	137	S9 and nomura.in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 08:49
S11	26	S10 and direct near4 fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 08:50
S12	21	S11 and (@ad<="20030821" or @pd<="20030821")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 08:50
S13	53	(eiji with akiyama).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:05
S14	274	(tsutomu with yoshitake).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:05
S15	0	(takashi with manaki).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:05
S16	199	(hidekazu with kimura).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:05
S17	319	(yoshimi with kubo).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:06
S18	84	(takashi with manako).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:06
S19	538	S13 or S14 or S16 or S17 or S18	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:06
S20	32	S19 and direct near4 fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:07
S21	1	S20 and gas with filter	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:07
S22	4	S19 and gas with filter	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:07

S23	3	S22 not S21	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:08
S24	759	fuel cell and gas near3 filter	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:22
S25	400	S24 and (@ad<="20030821" or @pd<="20030821")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:22
S26	159	S25 and carbon dioxide	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:23
S27	28	S25 and carbon dioxide with (membrane or filter)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:24
S28	9	S27 and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:24
S29	6989	carbon dioxide with (filter or membrane)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:38
S30	454	S29 and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:38
S31	215	S30 and (@ad<="20030821" or @pd<="20030821")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:38
S32	2964	carbon dioxide near4 (filter or membrane)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:41
S33	144	S32 and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:41
S34	65	S33 and (@ad<="20030821" or @pd<="20030821")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:41
S35	57	S34 and fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:44
S36	43	S34 and (direct or liquid) with fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/23 09:44
S37	10	(US-20030031913-\$ or US- 20030124408-\$ or US- 20030157395-\$ or US- 20030190504-\$).did. or (US- 5759712-\$ or US-6387559-\$ or US- 6465119-\$ or US-6696195-\$ or US- 6981877-\$ or US-7141320-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/06/24 12:59

S38	10	(US-20030031913-\$ or US-20030124408-\$ or US-20030157395-\$ or US-20030190504-\$).did. or (US-5759712-\$ or US-6387559-\$ or US-6465119-\$ or US-6696195-\$ or US-6981877-\$ or US-7141320-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/06/24 13:00
S39	0	S38 and trace	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 13:02
S40	5	S38 and remaining	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 13:02
S41	10	S38 and carbon dioxide	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 13:10
S42	1	"5599638".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 13:21
S43	1	(US-20030157395-\$).did.	US-PGPUB	ADJ	ON	2008/06/24 13:49
S44	8	S37 and gas permeable	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 13:50
S45	1	S43 and gas permeable	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 13:50
S46	1	S43 and (width or thick or thickness or wide)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 14:06
S47	0	S37 and vapor with liquid with separat\$7	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 14:37
S48	10	S37 and separat\$7	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 14:37
S49	1	(US-20030031913-\$).did.	US-PGPUB	ADJ	ON	2008/06/24 14:58
S50	1	S49 and "44"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 14:58
S51	1	(US-20030190504-\$).did.	US-PGPUB	ADJ	ON	2008/06/24 15:00
S52	1	S51 and "790"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:00
S53	1	S51 and "702"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:01
S54	8	S37 and gas permeable	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:12

S55	8	gas with liquid membrane and fuel cell same (carbon dioxide or exhaust)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:18
S56	23	gas with liquid membrane and fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:20
S57	780	gas with liquid with separator same membrane	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:21
S58	201	S57 and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:23
S59	103	S58 and direct with fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:23
S60	83	vapor near4 liquid with separator and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:25
S61	0	layered gas/liquid separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:33
S62	0	layered gas liquid separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:34
S63	0	permselective with carbon dioxide	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:36
S64	0	permselectiv\$ with carbon dioxide	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:47
S65	80	permselectiv\$ with carbon dioxide	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:48
S66	12	S65 and fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:48
S67	169	non-porous near4 membrane and fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:51
S68	39	non-porous near4 membrane same (separator or separation) and fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 15:54
S69	57	porous with non-porous with membrane and direct with fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 16:01
S70	7	porous with non-porous with membrane same carbon dioxide and direct with fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 16:03
S71	0	2003-33	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 16:18

S72	1	2003-223920	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 16:19
S73	1	"2003223920"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/24 16:19
S74	3	"2003223920"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/06/24 16:34
S75	5	"2003100315"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/06/24 16:37
S76	8	"6062064"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/06/24 16:41
S77	75	membrane with carbon dioxide with permselectiv\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/06/25 08:14
S78	14	fuel cell and carbon dioxide with permselectiv\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/06/25 08:50
S79	29	fuel cell and carbon dioxide same permselectiv\$7	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 08:58
S80	17	S79 not S78	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 08:58
S81	7310	direct with fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 08:59
S82	1790	S81 and (gas or carbon dioxide) with (separation or separator)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 09:02
S83	2706	S81 and (gas or carbon dioxide) with (membrane)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 09:04
S84	398	S81 and (gas or carbon dioxide) with (membrane) and membrane with (PTFE or polytetrafluoroethylene)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 09:04
S85	124	S81 and (gas or carbon dioxide) with (membrane) same membrane with (PTFE or polytetrafluoroethylene)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 09:05
S86	1	S81 and (gas or carbon dioxide) with (membrane) same membrane with (nonporous or non-porous) with (PTFE or polytetrafluoroethylene)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 09:25

S87	2	S81 and (gas or carbon dioxide) with (membrane) and membrane with (nonporous or non-porous) with (PTFE or polytetrafluoroethylene)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 09:26
S88	19	S81 and (gas or carbon dioxide) with (nonporous or non-porous) with (membrane)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 09:29
S89	3	permselective same carbon dioxide and "429". clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 09:49
S90	67	permselective with carbon dioxide	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 09:53
S91	920	(non-porous or nonporous) with (polytetrafluoroethylene or PTFE or PVDF or polyvinylidene fluoride or polyfluoroalkyl carboxylate)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 10:04
S92	3	S91 and direct with fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 10:05
S93	60	S91 and fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 10:06
S94	10	S90 and fuel cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/06/25 10:22
S95	1	"3556161".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/01 08:31
S96	0	S95 and carbon dioxide	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/01 08:31
S97	0	S95 and permselective	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/01 08:32
S98	68	permselective with carbon dioxide	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/01 09:37
S99	12	S98 and (non-porous or nonporous)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/01 09:38
S100	1	"2003223920"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/01 10:05
S101	1	"2003223920"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/03 15:12

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